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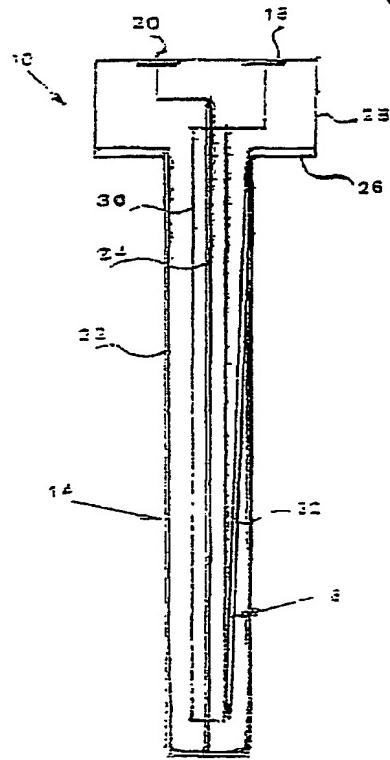
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(54) Title: IMPROVEMENTS IN THERMOSTAT FOR WATER BOILER



(57) Abstract: A thermal control device (10) for electrically powered appliances, in particular a thermostat to protect against overheating of a hot water boiler. The thermostat having a structure (26) supporting a first (20) and second (18) electric switches disposed in series between an electric power supply and an electric heating element, an extended length first bimetal device (14) being arranged for thermal at least indirect contact with water being heated, a second bimetal device (16) disposed inside the first bimetal device and acting to open the second switch if the second bimetal device reaches a second temperature higher than a first temperature due to the failure of the first bimetal device to open the first switch.

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